

Title (en)
Inkjet recording device

Title (de)
Tintenstrahlaufzeichnungsvorrichtung

Title (fr)
Dispositif d'enregistrement à jet d'encre

Publication
EP 2075134 A3 20091230 (EN)

Application
EP 08254112 A 20081222

Priority
JP 2007340693 A 20071228

Abstract (en)
[origin: EP2075134A2] The invention provides an inkjet recording device (1) includes an ink cartridge receiving unit (50) configured to receive an ink cartridge (70) and an inkjet head (8) configured to eject an ink. The inkjet recording device further includes an ink passage configured to transport the ink from the ink cartridge (70) to the inkjet head (8) and includes a detecting unit configured to detect a type of the ink cartridge (70) received in the ink cartridge receiving unit (50). The inkjet recording device still further includes a waste ink collection unit (40) includes an absorber (42) configured to absorb the ink, and includes a discharging unit configured to discharge ink remaining in the ink passage at one of a first discharging rate and a second discharging rate. Moreover, the inkjet recording device includes a controller (100) configured to control the discharging unit to discharge an amount of the ink. The controller is configured to control the discharging unit to discharge ink at one of the first discharging rate and the second discharging rate corresponding to the type of the ink cartridge detected by the detecting unit. The inkjet recording device may prevent or reduce ink coagulation due to mixing of different types of inks and may prevent or reduce the overflow of the waste ink tank.

IPC 8 full level
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Citation (search report)

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